Associate or Full Professor of Chemical Engineering

JOB DESCRIPTION

The Department of Chemical Engineering at Virginia Tech seeks applications for a senior faculty position at the rank of Associate or Full Professor. Candidates from all research fields within chemical engineering are welcome to apply, and those with a biomedical or biotechnological focus are particularly desired. Candidates will be considered for a Robert E. Hord Jr. endowed fellowship or professorship. We are seeking candidates who can provide leadership to an interdisciplinary community with a strong tradition of both fundamental and applied research. The successful candidate will have a distinguished record of scholarly publications, federally funded research, and professional service.

The Department (http://www.che.vt.edu) is home to 17.5 full-time faculty members, including several early career awardees and holders of endowed professorships. The department benefits from excellent facilities with most of the faculty located in the recently constructed Goodwin Hall. Disciplinary areas of specialization include biomedical engineering, catalysis and surface science, colloids and interfaces, membranes and advanced separations, polymer science and engineering, process design and systems engineering, and supercritical fluids. The current annual departmental research expenditures exceed $3.8 M.

ABOUT VIRGINIA TECH

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The undergraduate program in the College of Engineering ranks 13th among all U.S. engineering schools (US News and World Reports). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This faculty position will be filled at Virginia Tech’s main campus, located in Blacksburg, Virginia. Blacksburg, and the surrounding areas, are consistently ranked among the country’s best places to live. In addition, our program in the Washington, D.C. area offers unique proximity to government and industry partners and is also expanding rapidly, with Virginia Tech’s exciting new Innovation Campus in Alexandria, VA, slated to open in 2024. Additional opportunities for interdisciplinary collaboration across the University, include the Department of Biomedical Engineering and Mechanics, the College of Veterinary Medicine, the Fralin Life Science Institute, the Fralin Biomedical Research Institute, the School of Neuroscience, Virginia Tech Carillion School of Medicine, the Center for Emerging, Zoonotic, and Arthropod-borne Pathogens (CeZAP), the Institute for Critical Technology and Applied Science (ICTAS), and the Global Change Center. Further, the U.S. NSF-sponsored NanoEarth Center, the ICTAS supported Nanoscale Characterization and Fabrication Laboratory, and the Advanced Research Computing (ARC) Center provide access to centralized instrumentation and computational facilities.

The Department of Chemical Engineering is affiliated with three Interdisciplinary Graduate Education Programs at Virginia Tech - Computational Tissue Engineering, Macromolecular
REQUIREMENTS QUALIFICATIONS

The successful candidate will have a Ph.D. in Chemical Engineering, Biomedical Engineering or a related field at the time of appointment, a rank appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured and tenure-track faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities.

ADDITIONAL INFORMATION

Applicants must apply online at jobs.vt.edu (job number 522150). Application materials will include a cover letter, curriculum vitae, research statement, teaching statement, diversity statement, and contact information for at least three references. Review of applications will commence on December 1, 2022 and continue until the position is filled. The successful candidate will be required to have a criminal conviction check. Questions regarding the position should be directed to Professor Chang Lu, Search Committee Chair, at changlu@vt.edu (540-231-8681).

The Department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law.